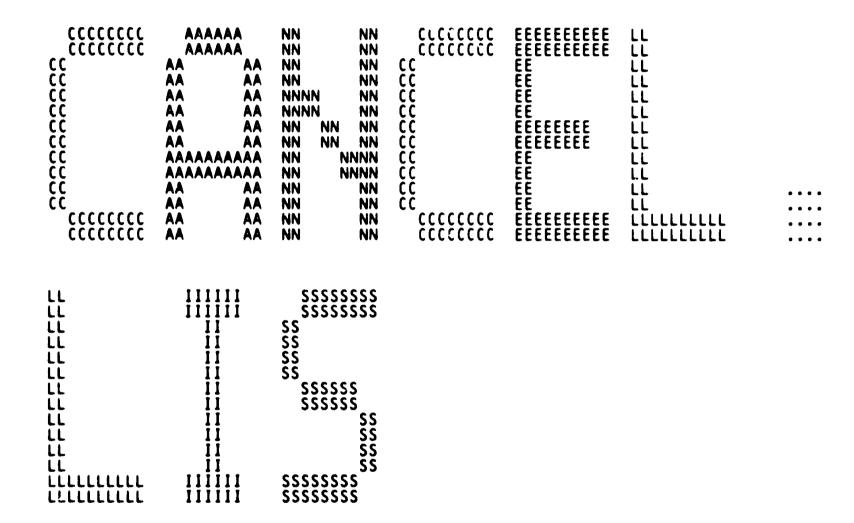
000000000 000000000 0000000000 000 000 000 000	PPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	000000000 000000000 000000000 000 000 000 000	MMM         MMM           MMM         MMM           MMM         MMM           MMMMM         MMMMM           MMM         MMM           MMM         MMM
--	--	--	--	---

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Sym

ASC

BOD BOD BOD BOD BOD BOD BUG CAN CAN CHE



```
O MODULE OPCSCANCEL
                                                    LANGUAGE (BLISS32),
IDENT = 'V04-000'
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              0007
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                       ! FACILITY:
              0031
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                                OPCOM
                    Ò
              0034
                    Ŏ
                         ABSTRACT:
                    0
              0036
                    Õ
                                This module contains the specialized logic to service
              0037
                    0
                                a particular type of request sent by a user to OPCOM.
              0038
                    Ō
              0039
                    0
                         Environment:
              0040
                    0
41
              0041
                    Ŏ
                                VAX/VMS operating system.
42
              0042
                    0
                     Ŏ
                         Author:
45 45
              0044
                     0
              0045
                     Ŏ
                                Steven T. Jeffreys
              0046
                     0
                         Creation date:
48
              0048
              0049
                     Ó
                                March 10, 1981
50
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54
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              0050
              0051
                         Revision history:
              0052
                                                                                                 30-Jul-1983
                                V03-001 CWH3001
                                                            CW Hobbs
                                          Various and sundry things to make OPCOM distributed
              0054
                     Ŏ
              0055
                                          across the cluster.
56
57
              0056
0057
                                                            Steven T. Jeffreys
                                                                                        05-Sep-1981
                                V02-002 STJ0117
```

```
96
97
                  0095
                             GLOBAL ROUTINE CANCEL_HANDLER (BUFFER DESC) : NOVALUE =
                  0096
0097
 98
 99
                  0098
                             ! Functional description:
                  0099
100
101
                  0100
                                        This routine is the handler for all CANCEL messages received by OPCOM.
                  0101
0102
0103
0104
0105
102
103
104
105
106
107
108
109
                                Input:
                                        BUFFER_DESC: The address of a quadword buffer descriptor that describes the buffer containing the message.
                  0106
                  0108
0109
                                Implicit Input:
110
                  0110
0111
111
                                        None.
112
113
114
115
                  0112
0113
0114
0115
                                Output:
                                        None.
116
                  0116
0117
                                Implict output:
118912234567890123345678
                  0118
                                        Some accounting data will be updated
                  0119
                                        to reflect the receipt of the message.
                 Side effects:
                                        None.
                                Routine value:
                                        None.
                             BEGIN
                                                                                                ! Start of CANCEL_HANDLER
                             MAP
                                        BUFFER_DESC
                                                               : $ref_bblock;
                             LOCAL
                                                             : VECTOR [5,LONG],
: $ref_bblock,
: $ref_bblock,
: $ref_bblock,
: $ref_bblock,
                                        MESSAGE_VECTOR
                                                                                                   Message info
RQCB data structure
139
                                         RQCB
140
                                                                                                   MCB data structure
                                         MCB
                                                                                                   OCD data structure
Request RQCB
Count of OCD in an OCD list
                  0140
141
                                         OCD
                                        ROST_ROCB
OCD_COUNT
OCD_INDEX
ROST_COUNT
MESSAGE
142
                  0141
                  0142
0143
144
                                                                                                   Index into OCD VECTOR
                                                                 LONG,
                  0144
145
                                                                 LONG,
                                                                                                   Count of requests in a list
                                                                 LONG,
146
                                                                                                   Message code
                  0146
147
                                                                 LONG,
                                         FOUND
                                                                                                   Boolean
148
                                         STATUS
                                                                 LONG:
                  0148
0149
149
150
151
152
                  0150
                                Check request for minimum amount of data.
```

OF

```
IF .BUFFER_DESC [DSC$W_LENGTH] LSS (OPC$K_COMHDRSIZ + OPC$K_CANCEL_MIN_SIZE)
  Do some sanity checking.
IF NOT CHECK_REQUEST (.BUFFER_DESC, RQCB)
  Check for a reply mailbox. If none specified, then ignore the
  cancelation message, as it would be impossible to locate the correct
IF .RQCB [RQCB_W_REPLYMBX] EQL 0
  See if the requestor is issuing this request on another's behalf.
  If so, and the requestor does not have the privilege to do so,
  then dismiss the request.
IF .RQCB [RQCB_L_SENDERUIC] NEQ .RQCB [RQCB_L_UIC]
     If (NOT .$bblock [RQCB [RQCB_L_PRIVMASK1], PRV$V_OPER])
         IF NOT ((.$bblock [RQCB [RQCB_L_SENDERUIC], 2,0,16,0] EQL .$bblock [RQCB [RQCB_L_UIC], 2,0,16,0]) AN (.$bblock [RQCB [RQCB_L_PRIVMASK1], PRV$V_GROUP]))
              MESSAGE_VECTOR [0] = OPC$_ILLRQST;
MESSAGE_VECTOR [1] = 0;
FORMAT_MESSAGE (.RQCB, MESSAGE_VECTOR);
SEND_REPLY (.RQCB);
              DEALEOCATE_RQCB (.RQCB);
  Locate the request in the database. The entire database must be
  searched, as the responsiblitly for the request may have been bounced
  around by the operators, and the request may not be in an obvious place.
  When the search is done, RQST_RQCB will contain the address of the original request RQCB if it was found.
OCD_INDEX = MAX_SCOPE;
WHILE (NOT .FOUND) AND (.OCD_INDEX GEQ MIN_SCOPE) DO
       Scan the OCD list for each class of operator
    OCD = .OCD_VECTOR [(.OCD_INDEX - 1) * 2];
OCD_COUNT = .OCD_VECTOR [(.OCD_INDEX - 1) * 2 + 13;
                                                                            ! Get first OCD address
                                                                            ! Get # of OCDs in the list
     WHILE (NOT .FOUND) AND (.OCD_COUNT GTR 0) DO
```

OP

```
210
211
212
213
214
215
                     0209
0210
0211
                                                RQST_COUNT = .OCD [OCD_W_RQSTCOUNT];
RQST_RQCB = .OCD [OCD_L_RQSTFLINK];
WHILE (NOT .FOUND) AND (.RQST_COUNT GTR 0) DO
                                                                                                                                             ! Get # of requests in list
                                                                                                                                             ! Get first ROST_ROCB address
                      0212
0213
0214
                                                       BEGIN
                      0215
                                                          Check the reply mailbox and the requestid for equality.
217
218
                      0217
                                                       if (.RQCB [RQCB_W_REPLYMBX] EQL .RQST_RQCB [RQCB_W_REPLYMBX])
AND (.RQCB [RQCB_L_RQSTID] EQL .RQST_RQCB [RQCB_L_RQSTID])
                      0218
220
                      0219
                                                       THEN
221 223 224 225
                                                             BEGIN
                                                             FOUND = TRUE;
                                                                                                                                                Note that we found it
                                                              RQCB [RQCB_L_OCD] = .0CD;
                                                                                                                                             ! Save OCD address
226
227
228
229
230
                                                                                                                                             ! Not found. Try the next RQCB ! Decrement request count ! Get address of next RQCB
                      0225
                                                              BEGIN
                                                             ROST_COUNT = .RQST_COUNT - 1;
RQST_RQCB = .RQST_RQCB [RQCB_L_FLINK];
                      0228
                      0229
                                                       END:
23333456789
                                                OCD_COUNT = .OCD_COUNT - 1;
OCD = .OCD_EOCD_E_FLINK];
                      0230
                                                                                                                                             ! Decreme, 1 OCD count
                                                                                                                                            ! Get address of next OCD
                      0231
                      0232
                      0233
                                          OCD INDEX = .OCD INDEX - 1:
                                                                                                                                         . Try next operator class
                               Fin 2 IF NO THEN B
                      0234
                                          END:
                      0235
                      0236
                                      finish up.
                      0238
                                   IF NOT .FOUND
240
                      0239
241
                      0240
                                         BEGIN
242
                      0241
                      0242
                                          ! Get set to tell the requestor the bad news.
244
245
                                         MESSAGE_VECTOR [0] = OPC$_NOSUCHRQST;
MESSAGE_VECTOR [1] = 0;
                      0244
246
                      0245
247
                      0246
                                          FORMAT_MESSAGE (.RQCB, MESSAGE_VECTOR);
                               3 ELSE
3 ELSE
3 E
248
                      0247
                                          END
249
2551
2553
2553
2554
2556
2558
259
                      0248
                      0249
                                          BEGIN
                      0250
                      0251
                                             Inform all interested operators that the request is canceled.
                      0252
                                             Log the cancelation notice, and remove the request from the data base.
                     0254
0255
0256
                                          MESSAGE_VECTOR [0] = OPC$_RQSTCAN; ! Set messa
IF .$bblock [RQCB [RQCB_L_RQ_OPTIONS], OPC$V_RQSTDONE]
                                                                                                                  ! Set message code
                                         MESSAGE_VECTOR [0] = OPC$_RQSTDONE; ! Set alternate status code

MESSAGE_VECTOR [1] = 0; ! Set # of message arguements

MESSAGE_VECTOR [2] = .RQST_RQCB [RQCB_L_RQSTNUM];! Set message arguement

DEALLOCATE_RQCB (.RQCB); ! Dispose of the request contr

REMQUE (.RQST_RQCB, RQCB); ! Remove the request from the

OCD = .RQST_RQCB [RQCB_L_OCD]; ! Get the OCD address

OCD [OCD_W_RQSTCOUNT] = .OCD [OCD_W_RQSTCOUNT] - 1;

FORMAT_MESSAGE (.RQCB, MESSAGE_VECTOR);
                      0257
                      0258
 260
                      0259
261
                      0260
                                                                                                                      Dispose of the request control block
263
                      0261
                                                                                                                      Remove the request from the database
                      0262
0263
 264
 265
                      0264
                      0265
```

FB

00055

CALLS

OF

VC.

				1: 1:	H 1 6-Sep-19 4-Sep-19	984 01:17 984 12:50	:58 VAX-11 Bliss-32 V4.0-742 Page 36 DISK\$VMSMASTER:[OPCOM.SRC]CANCEL.B32;1	ge 7 (2)
0000G	CF	52 01 52 000	f B	0005A		PUSHL CALLS PUSHL BRW	R2 #1, SEND_REPLY R2 16\$	0185
00000000G	50 70 8f	00000000 85 50	D4 D0 E8 D1	00064 00066 00060 00070		CLRL MOVL BLBS (MPL	FOUND #MAX_SCOPE, OCD_INDEX FOUND, 13\$ OLD_INDEX, #MIN_SCOPE 12\$	0196 0197 0198
51	50 53 57 38	4F 01 0000GCF41 0000GCF41 55	78 DO DO E8	00079 0007D 00083 00089	<b>7\$</b> :	BLSS ASHL MOVL MOVL BLBS TSTL	#1, DCD_INDEX, R1 OCD_VECTOR-8[R1], OCD OCD_VECTOR-4[R1], OCD_COUNT FOUND, 11\$	0203 0204 0205
	56 54 22	3A A3 3C A3 56	15 30 5 D0 E8	0008E 00090 00094 00098	8\$:	BLEQ MOVZWL MOVL BLBS TSTL	OCD_COUNT 11\$ 58(OCD), RQST_COUNT 60(OCD), RQST_RQCB FOUND, 10\$ RQST_COUNT 10\$	0210 0211 0212
2E	A4	1E 2E A2	15 B1	0009D 0009F		BLEQ CMPW	46(R2), 46(RQST_RQCB)	0217
64	<b>A4</b>	64 A2	) 12 D1	000A6		BNEQ CMPL	9\$ 100(R2), 100(RQST_RQCB)	0218
24	55 A2	01	DO	000AD		BNEQ MOVL MOVL BRB	9\$ #1, FOUND OCD, 36(R2) 8\$	0221 0222 0217
	54	5 1 5 2 5 4 0 E 5 7	D7 D0 11	000B6 000B8 000BB		DECL MOVL BRB	RQST_COUNT (RQST_RQCB), RQST_RQCB 8\$	0226 0227 0212 0230
	53	63 03 50	D0 11 D7	000BF 000C2 000C4	115:	DECL MOVL BRB DECL	OCD_COUNT (OCD), OCD 7\$ OCD_INDEX	: 0231 : 0205 : 0233
04	15 AE	00058044 8F 08 AE 04 AE 04 AE 00058084 8F 000581DB 8F 08 AE 70 AE	11 E8 D0 D4			BRB BLBS MOVL CLRL PUSHAB PUSHL CALLS	6\$ FOUND, 13\$ #360516, MESSAGE_VECTOR MESSAGE_VECTOR+4 MESSAGE_VECTOR	0198 0238 0244 0245 0246
	68	02	9F DD FB	000D9 000DB 000DE 000E0 000E8 000EC		CALLS	R2 N2, FORMAT_MESSAGE	. 0078
04	AE 08	00058084	DO	000E0	13\$:	BRB MOVL BLBC	15\$ #360580, MESSAGE_VECTOR	0238
04		000581DB 85	00	000EC	1/4.	MOVL	#360580, MESSAGE_VECTOR 88(R2), 14\$ #360925, MESSAGE_VECTOR MESSAGE_VECTOR+4 112(RQST_RQCB), MESSAGE_VECTOR+8	0254 0255 0257 0258 0259 0260
00	AE	08 AE 70 A	00	000F7 000FC	143:	MOVL	112(RQST_RQCB), MESSAGE_VECTOR+8	: 0259
0000G	CF 6E 53	01 64	FB OF	000FE 00103		MOVL CLRL MOVL PUSHL CALLS REMQUE MOVL DECW PUSHAB	#1, DEALLOCATE RQCB (RQST_RQCB), RQCB 36(RQST_RQCB), OCD 58(OCD) MESSAGE_VECTOR	0261 0262 0263 0264
	68	24 A4 3A A3 04 A6 04 A6 06	FB DD DD	00116		PUSHL CALLS PUSHL PUSHL	RQCB #2, FORMAT_MESSAGE RQCB #3	0269

16-Sep-1984 01:17:58	,
7E 01 CE 0011A MNEGL #1, -(SP) 0000G CF 03 FB 0011D CALLS #3, CLUSMSG_RQCB_SEND	
6E DD 00122 PUSHL RQLB : 0270 0000G CF 01 FB 00124 CALLS #1, NOTIFY_LISTED_OPERATORS :	
6E DD 00129 PUSHL RQCB : 0271 0000G CF	
6E DD 00130 15\$: PUSHL RQCB : 0276 0000G CF 01 FB 00132	
6E DD 00137 PUSHL RQCB	

Routine Base: \$CODE\$ + 0000 ; Routine Size: 319 bytes,

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305 306

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308

309

310

311

312

313

314 315

316 317

318

319

336 337

338

0336

```
GLOBAL ROUTINE CANCEL_CLM_HANDLER (BUFFER_DESC : Sref_bblock, CLM : Sref_bblock, LEN) : NOVALUE =
           ! functional description:
                     This routine is the handler for all CANCEL messages received by OPCOM from other nodes.
             Input:
                     BUFFER_DESC -
                                           pointer to message from remote node, including $SNDOPR header
                     CLM -
LEN -
                                           pointer to CLMRQCB structure
                                           length of LEN
             Implicit Input:
                     None.
             Output:
                     None.
             Implict output:
                     Some accounting data will be updated
                     to reflect the receipt of the message.
             Side effects:
                     None.
             Routine value:
                     None.
                                                                            ! Start of CANCEL_CLM_HANDLER
                                           : $ref_bblock,
: $ref_bblock,
: $ref_bblock,
: $ref_bblock,
: LONG,
                     RQCB
                                                                               RQCB data structure
                     MCB
                                                                               MCB data structure
                     000
                                                                               OCD data structure
                     ROST_ROCB
                                                                               Request RQCB
                     OCD_TOUNT
OCD_INDEX
ROST_COUNT
MESSAGE
                                                                               Count of OCD in an OCD list
       OCD_INDEX : LONG, !In
RQST_COUNT : LONG, !Co
MESSAGE : LONG, !Me
FOUND : LONG, !Bo
STATUS : LONG;

Check the version number of the message. If the m
simply ignore it.

If .CLM [CLM_B_DS_VERSION] NEQ CLMRQCB_K_DS_VERSION
THEN
RETURN DUMP_LOG_FILE (.BUFFER_DESC, %ASCID 'CLM_
                                              LONG.
                                                                               Index into OCD_VECTOR
                                                                               Count of requests in a list
                                                                               Message code
                                                                              Boolean
             Check the version number of the message. If the message is from any other version,
0333
0334
0335
```

RETURN DUMP\_LOG\_FILE (.BUFFER\_DESC, %ASCID 'CLM\_\_CANCEL mismatch');

```
Allocate an RQCB and convert the message RQCB into the new RQCB
                    0338
0339
0341
0344
0344
0344
0347
341
342
343
                             2 IF NOT CLUSMSG_CONV_CLM_RQCB (.CLM, RQCB)
2 THEN
2 RETURN DUMP_LOG_FILE (.BUFFER_DESC, a:
2 !
                                      RETURN DUMP_LOG_FILE (.BUFFER_DESC, ascid_INVALIDRQCB);
345
346
347
                                   Locate the request in the database. The entire database must be
                                   searched, as the responsiblitly for the request may have been bounced around by the operators, and the request may not be in an obvious place. When the search is done, RQST_RQCB will contain the address of the original request RQCB if it was found.
0348
0349
                    0350
                               FOUND = FALSE;
OCD_INDEX = MAX_SCOPE;
                    0351
                   0352
0353
0354
0355
0356
                                WHILE (NOT .FOUND) AND (.OCD_INDEX GEQ MIN_SCOPE) DO
                                      BEGIN
                                         Scan the OCD list for each class of operator
                    0357
                                      OCD = .OCD_VECTOR [(.OCD_INDEX - 1) * 2];
OCD_COUNT = .OCD_VECTOR [(.OCD_INDEX - 1) * 2 + 1];
                                                                                                                                 ! Get first OCD address
                    0358
360
                                                                                                                                ! Get # of OCDs in the list
361
362
363
                   0359
0360
0361
                                      WHILE (NOT .FOUND) AND (.OCD_COUNT GTR 0) DO
                   0362
0363
0364
364
                                               Scan the request list for each OCD.
365
366
                                            RQST_COUNT = .OCD [OCD_W_RQSTCOUNT];
RQST_RQCB = .OCD [OCD_L_RQSTFLINK];
WHILE (NOT .FOUND) AND (.RGST_COUNT GTR 0) DO
                                                                                                                                 ! Get # of requests in list
367
368
369
370
371
                    0365
                                                                                                                                 ! Get first RQST_RQCB address
                   0366
0367
0368
                                                  BEGIN
                    0369
                                                   ! Check the reply mailbox and the requestid for equality.
0370
                   0371
0372
0373
0374
                                                  IF (.RQCB [RQCB_W_REPLYMBX] EQL .RQST_RQCB [RQCB_W_REPLYMBX])
AND (.RQCB [RQCB_L_RQSTID] EQL .RQST_RQCB [RQCB_L_RQSTID])
                            6
                                                  THEN
                                                        BEGIN
                                                                                                                                 ! This is it.
                   0375
0376
0377
                                                        FOUND = TRUE;
                                                                                                                                 ! Note that we found it
                                                        RQCB [RQCB_L_OCD] = .OCD;
                                                                                                                                 ! Save OCD address
                                                        END
                    0378
0379
                                                  ELSE
                                                        BEGIN
                                                                                                                                ! Not found. Try the next RQCB
                   0380
0381
0382
0383
0384
0385
0386
0387
                                                                                                                                ! Decrement request count
                                                        RQST_COUNT = .RQST_COUNT - 1;
RQST_RQCB = .RQST_RQCB [RQCB_L_FLINK];
                                                                                                                               Get address of next RQCB
                                                        END;
                                            END;

OCD_COUNT = .OCD_COUNT - 1;

OCD = .OCD_COCD_E_FLINK];
                                                                                                                                ! Decrement OCD count
                                                                                                                               ! Get address of next OCD
                                            END:
                                      OCD_INDEX = .OCD_INDEX - 1;
                                                                                                                               ! Try next operator class
                   0389
0390
0391
                                      END:
                            Finish up.

Finish up.

Finish up.

Finish up.
                    0392
394
                    0393
395
```

```
16-Sep-1984 01:17:58
OPC$CANCEL
                                                                                             VAX-11 Bliss-52 V4.0-742
                                                                   14-Sep-1984 12:50:36
V04-000
                                                                                             DISK$VMSMASTER:[OPCOM.SRC]CANCEL.B32:1 (3)
                             BEGIN
                 0395
   397
   398
                 0396
                               Should not be here
   399
                 0397
                 0398
0399
   400
                             DUMP_LOG_FILE (.BUFFER_DESC, %ASCID 'request to cancel not found');
   401
402
403
                 0400
                         ELSE
                 0401
                             BEGIN
   404
                 0402
                               Inform all interested operators that the request is canceled.
   406
                 0404
                               Log the cancelation notice, and release the RQCB from the remote node.
   407
                 0405
                 0406
                             NOTIFY_LISTED_OPERATORS (.RQCB);
LOG_MESSAGE (.RQCB);
   408
                                                                            ! Notify the interested operators
   409
                 0407
                                                                            ! Log the event
   410
                 0408
                             DEACLOCATE_RQCB (.RQCB);
   411
                 0409
   412
                 0410
                               Remove the request from the data base.
   413
                 0411
                             0412
   414
                                                                              Remove the request from the database
   415
                                                                              Get the OCD address
                 041+
   416
                      2 : Ge
2 : DEAL
2 : END;
                 0415
   417
                             END:
                 0416
   418
                 0417
   419
                           Get rid of the RQCB
   420
                 0418
                 0419
                         DEALLOCATE_RQCB (.RQCB);
   422
                0420
                 0421
                                                                            ! End of CANCEL_CLM_HANDLER
                                                                              .PSECT $PLIT$, NOWRT, NOEXE, 2
                       43 4E 41 43
                                                      40 43
            20
                40 45
                                          5F
                                                               00000 P.AAB:
                                                                              .ASCII \CLM__CANCEL mismatch\
                                                     61 6D
                                          68
                                              63
                                                  74
                                                               0000F
                                                     010E0014
                                                               00014 P.AAA:
                                                                              .LONG 17694740
                                                     00000000
                                                                              .ADDRESS P.AAB
                                                               00018
                                                   71 65 72
20 6C 65
                                                               0001C P.AAD:
    6E
                                                                              .ASCII \reguest to cancel not found\<0>
                 6E
                         6F
                                 20
                                      74
                                                               0002B
        00
            64
                                          6F
                                                               00038 P.AAC:
                                                     010E001B
                                                                              .LONG 17694747
                                                     00000000
                                                               0003C
                                                                              .ADDRESS P.AAD
                                                                              .EXTRN ASCID_INVALIDRQCB
                                                                              .PSECT $CODE$.NOWRT.2
                                                          OOFC 00000
                                                                                                                                     : 0280
                                                                              .ENTRY
                                                                                      CANCEL_CLM_HANDLER, Save R2,R3,R4,R5,R6,R7
                                                                                      #4, SP
CLM, R2
2(R2), #2
                                         5E
52
02
                                                            CŽ
                                                               00002
                                                                              SUBL 2
                                                  80
02
                                                                                                                                       0334
                                                            DŌ
                                                               00005
                                                        AC
                                                                              MOVL
                                                        A2
                                                            91
                                                               00009
                                                                              CMPB
                                                            13
                                                        06
                                                               0000D
                                                                              BEQL
                                                                                      15
                                                            9F
                                                                                                                                       0336
                                                0000
                                                        CF
                                                               0000F
                                                                              PUSHAB
                                                                                      P.AAA
                                                        10
                                                            11 00013
                                                                              BRB
                                                 4004
                                                            BB 00015 1$:
                                                                              PUSHR
                                                                                      #^M<R2,SP>
                                                                                                                                       0340
                                                                                      #2, CLUSMSG_CONV_CLM_RQCB
RO, 3$
                                  0000G
                                                            FB 00019
                                                                              CALLS
                                         CF
                                         0D
                                                        ŠÕ
                                                            E8
                                                               0001E
                                                                              BLBS
                                                 0000G
                                                        CF
                                                            9F
                                                               00021
                                                                                      ASCID_INVALIDAGE
                                                                                                                                       0342
                                                                              PUSHAB
```

						1	M 1 6-Sep- 4-Sep-	1984 01:17 1984 12:50	:58 VAX-11 Bliss-32 V4.0-742 Page :36 DISK\$VMSMASTER:[OPCOM.SRC]CANCEL.B32;1	12 (3)
	0000G	CF	04	AC 02	DD FB 04	00025		PUSHL CALLS	BUFFER_DESC : #2, DUMP_LOG_FILE ::	
		50 53 69	0000000G	55 8F 6E	D4 D0 D0	0002E 00030 00037		RET CLRL MOVL MOVL	<pre>#MAX_SCOPE, OCD_INDEX RQCB, R3 : 0</pre>	350 351 371
	00000G	8F		8F 550 4F	E8 D1 19	0003D 00044	45:	BLBS CMPL BLSS	OCD_INDEX, #MIN_SCOPE : 10\$	352
51		50 52 57 38	0000G0	:F41	D0 D0 E8 D5	00050 00056 00059	5\$:	ASHL MOVL MOVL BLBS TSTL	#1, OCD_INDEX, R1 OCD_VECTOR-8[R1], OCD OCD_VECTOR-4[R1], OCD_COUNT ; 0	357 358 359
		56 54 22	3A 3C	557422556E3	15 30 00 E8 05	0005B 0005D 00061 00065 00068		BLEQ MOVZWL MOVL BLBS TSTL	58(OCD), RQST_COUNT 60(OCD), RQST_RQCB FOUND, 8\$ RQST_COUNT	364 365 366
	2E	<b>A4</b>	28	1E A3 10	15 B1 12	00060		BLEQ CMPW	46(R3), 46(RQST_RQCB) ; 0	371
	64	<b>A4</b>	64	A3	D1 12	00073		BNEQ (MPL BNEQ	7\$ 100(R3), 100(RQST_RQCB) 7\$	372
	24	55 A3		01 52 E2	DO DO 11	0007A 0007D 00081		MOVL MOVL BRB	#1, FOUND : 0 OCD, 36(R3) : 0 6\$ : 0	375 376 371
		54		56 64 DB	D7 D0 11 D7	00085 00088		DECL MOVL BRB	(RQST_RQCB), RQST_RQCB ; 0 6\$ ; 0	380 381 366
		52		A39122264B72505A5		0008C 0008F 00091		DECL MOVL BRB DECL	(OCD), OCD : 0 5\$ : 0	384 385 359 387
		0E	0000.	55 CF	11 E8 9f	00093 00095 00098		BRB BLBS PUSHAB	4\$ : 0 FOUND, 11\$ : 0 P.AAC : 0	352 392 398
	0000G	CF	04	AC 02 1F	DD FB 11	0009C 0009F 000A4	444	PUSHL CALLS BRB	BUFFER_DESC #2, DUMP_LOG_FILE 12\$ R3	392
	0000G	CF		55 01	DD FB	8A000	11\$:	PUSHL CALLS	<pre>#1, NOTIFY_LISTED_OPERATORS ;</pre>	406 407
	0000G	CF		53 01 53 01 53	DD FB	000AF		PUSHL CALLS	W1, LOG MESSAGE :	407
	0000G	CF 6E 52	24		FB OF DO	000B4 000B6 000BB 000BE		PUSHL CALLS REMQUE	<pre>#1, DEALLOCATE_RQCB ; (RQST_RQCB), RQCB ; 04</pre>	408 412 413
	0000G	CF	24 3A	64 A2 6E 01	B7 DD FB 04	000C2 000C5 000C7 000CC	12\$:	MOVL DECW PUSHL CALLS RET	58(OCD) : 04 RQCB : 04 #1. DEALLOCATE RQCB	414 419 421

; Routine Size: 205 bytes. Routine Base: \$CODE\$ + 013F

16-Sep-1984 01:17:58 14-Sep-1984 12:50:36

VAX-11 Bliss-32 V4.0-742 Page 13 DISK\$VMSMASTER:[OPCOM.SRC]CANCEL.B32;1 (4)

V04-000 : 425 : 426

OPCSCANCEL.

0422 1 END 0423 0 ELUDOM

! End of CANCEL

PSECT SUMMARY

Name Bytes

Attributes

\$CODE\$
\$PLIT\$

524 NOVEC.NOWRT. RD . EXE.NOSHR. LCL. REL. CON.NOPIC.ALIGN(2) 64 NOVEC.NOWRT. RD .NOEXE.NOSHR. LCL. REL. CON.NOPIC.ALIGN(2)

Library Statistics

		- Symbols		Pages	Processing	
File	Total	Loaded	Percent	Mapped	Time	
_\$255\$DUA28:[SYSLIB]LIB.L32;1 _\$255\$DUA28:[OPCOM.OBJ]OPCOMLIB.L32;1	18619 633	8 22	0	1000 43	00:01.8 00:00.9	

## COMMAND QUALIFIERS

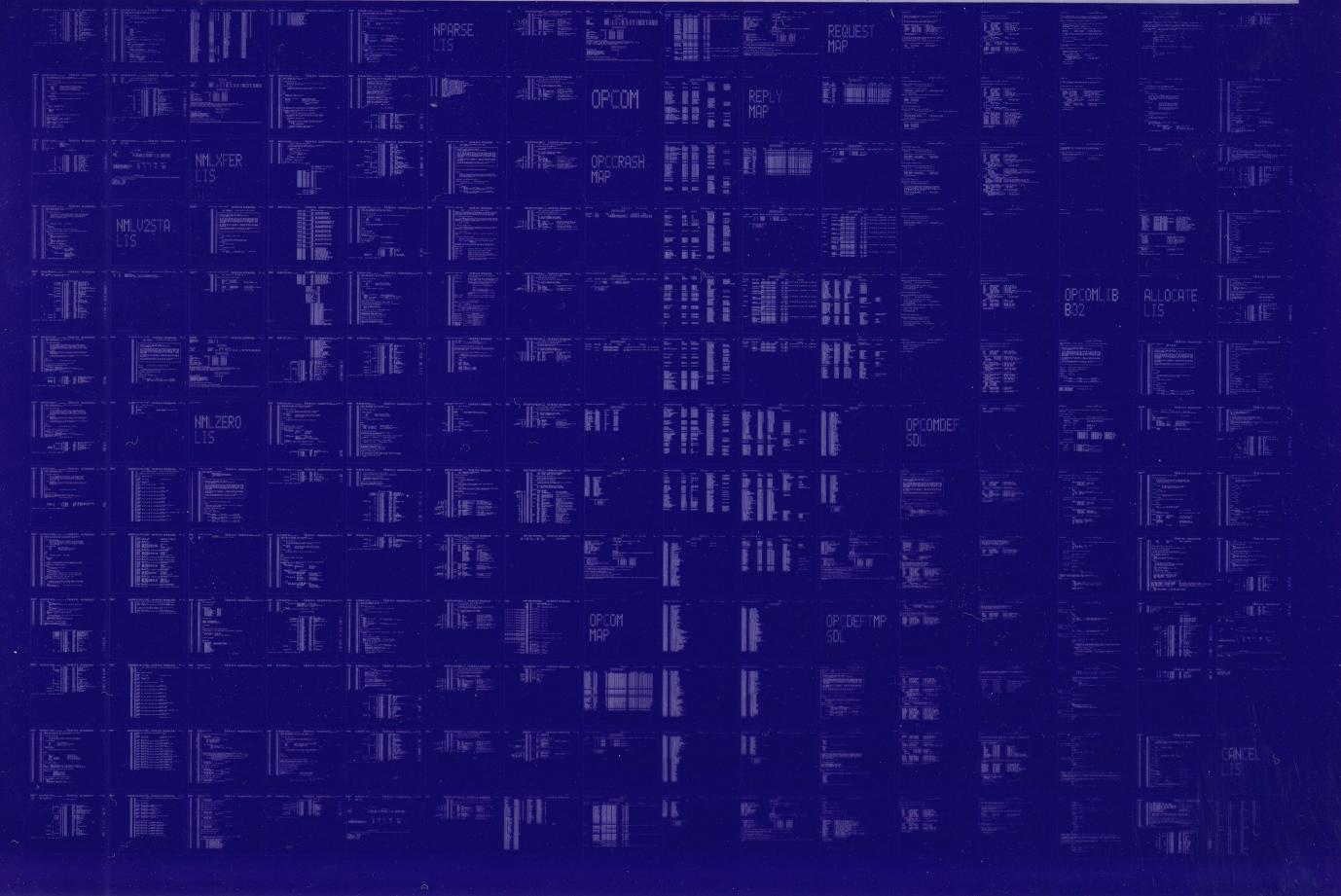
BLISS/CHECK=(FIELD, INITIAL, OPTIMIZE)/LIS=LIS\$: CANCEL/OBJ=OBJ\$: CANCEL MSRC\$: CANCEL/UPDATE=(ENH\$: CANCEL)

; Size:

524 code + 64 data bytes 00:13.2 00:47.0 1930 Run Time: ; Elapsed Time: 00:47 ; Elapsed Time: 00:47 ; Lines/CPU Min: 1930 ; Lexemes/CPU-Min: 130° ; Memory Used: 132 pac ; Compilation Complete

0200 AH-BT13A-SE VAX/VMS V4.0

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